



# ABSTRACT

A front teleconverter lens system having superb optical performance with less production of aberration in spite of its compactness. The front teleconverter lens system includes, in order from an object, a first lens group having positive refractive power, and a second lens group having negative refractive power, and forming an afocal optical system. A diffractive optical surface is arranged in at least one of the first lens group and the second lens group. The conditional expression  $1.2 < \phi_F / \phi_R < 10$  is satisfied, where  $\phi_F$  denotes the effective diameter of the most object side lens surface of the first lens group, and  $\phi_R$  denotes the effective diameter of the most image side lens surface of the second lens group.